

No. 8th RA billSBR=000003/23-24
19/4/2023Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)BR=000003/23-24
19/4/2023

Division: Electrical (Dasarahalli)

JOB NO :015-22-000002

Sub-Division: Electricals

Head of Account : P0300 M & R to street lights-Replacement of burnt bulbs etc

Bill Received No. Dated Book Voucher No. Dated

Schedule Docket Name of Work :- Annual Maintenance of street lights package D-5 in T Dasarahalli ward no 15

Bill Period:01.03.2023 to 31.03.2023(1 Months)

Name of Contractor and Full Address:- M/s. PRASHANTH ELECTRICALS)

Reference to Agreement No - EE/Ele/DZ/TEND/AG/000013/21-22

Reference to Work order No - EE/Ele/DZ/TEND/WO/000005/22--23

Date:16 03 2022

Date:04 04 2022

Certified that the measurements were taken by me on 3/4/23 and recorded of Pages 689563 to 9564
And that the work is satisfactorily executed.

For PRASHANTH ELECTRICALS

Contractor

PROPRIETOR

Certified that the measurement were taken by me on 5/4/2023 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

II Memorandum of Payment

Sub-Division Officer

1) Total value of work done or supplies as per account within	upto bill	2022538=00
2) Deduct amount to be held in reserve	Present	1913665=00
3) " Balance	Previous	118872=00
4) Deduct Payment		114495=00
a) Amount of previous payment as in the Office Cash Book Voucher	TWO	
No. Dated S D. No. Amount	ITAD	1145=00
adjusted towards cash advance recovery of	CST(11)	1145=00
b) Payments } cost store or other material supplied.	SEIST(11)	1145=00
Now made } recovery of amount creditable to this/other work	LWC(21)	1145=00
Amount paid on this bill Cheque / Cash	CBF(01)	114=00
5) Balance being unpaid value of work done held in reserve	Fine	2000=00
6) Deduct cash advance made on the Office cash Book Voucher No. dated less adjustments.	Scrap	2377=00
7) Net amount due to or from Contractor adjustments items.	deduction	9071=00
8) Advance to Contractor for materials brought to site (as detailed) within. Value of Government materials supplied.	cheque	109801=00
Total amount adjusted -		

Contractor's Signature

Received Rs. (in words)

by cash and by adjustment of Payment as per memorandum (in final settlement)

Witness

1.

2.

Dated

Signature of Contractor

Stamp

Paid by me by Cheque No PROPRIETOR

Cash Rs.

Dated

Initials of Officer making payment

PROPRIETOR

Audited and admitted for Rs. 118872/-

Passed by Cheque for Rs. 109801/-

One lakh nine thousand eight hundred and one only (For use in the Office)

by adjustment Rs. 9071/-

Heena

Accounts Superintendent

Exd

Sl No	Description of Item	Unit
	Name of work: Annual Maintenance of street lights package D-5 in T. Dasarhall ward no 15	
1	Operation and Maintenance of street lighting system including replacement of damaged/faulted out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches, wires, Holders, Starters and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise street wise data bank, furnishing maintenance reports every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below 35.40 W fluorescent tube light street lighting system	Each
2	Operation and Maintenance of street lighting system including replacement of damaged/faulted out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches, wires, Holders, Starters and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise street wise data bank, furnishing maintenance reports every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below 125W HPMV Park lighting system	Each
3	Operation and Maintenance of street lighting system including replacement of damaged/faulted out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches, wires, Holders, Starters and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise street wise data bank, furnishing maintenance reports every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below below Poles with 250W HPSV street lighting system	Each
4	Operation and Maintenance of street lighting system including replacement of damaged/faulted out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches, wires, Holders, Starters and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise street wise data bank, furnishing maintenance reports every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below 400 watts HPSV street light High mast lighting system	Each
5	Operation and Maintenance of LED street lighting system including replacement of damaged/faulted out components like LED drivers, MCPCB, surge protective device, Switches, wires, Holders, Starter observing weather proofing technic conforming to IP 65 standards and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise street wise street light data bank, furnishing maintenance reports every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for 24 Watt to 40 Watt LED Park street lighting system	Each
6	Operation and Maintenance of LED street lighting system including replacement of damaged/faulted out components like LED drivers, MCPCB, surge protective device, Switches, wires, Holders, Starter observing weather proofing technic conforming to IP 65 standards and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise street wise street light data bank, furnishing maintenance reports every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for 40 Watt to 55 W LED street light lighting system	Each
7	Operation and Maintenance of LED street lighting system including replacement of damaged/faulted out components like LED drivers, MCPCB, surge protective device, Switches, wires, Holders, Starter observing weather proofing technic conforming to IP 65 standards and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise street wise street light data bank, furnishing maintenance reports every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for 50W LED street light lighting system	Each
8	Operation and Maintenance of LED street lighting system including replacement of damaged/faulted out components like LED drivers, MCPCB, surge protective device, Switches, wires, Holders, Starter observing weather proofing technic conforming to IP 65 standards and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise street wise street light data bank, furnishing maintenance reports every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for 110/120 watt LED street light lighting system	Each
9	Operation and Maintenance of LED street lighting system including replacement of damaged/faulted out components like LED drivers, MCPCB, surge protective device, Switches, wires, Holders, Starter observing weather proofing technic conforming to IP 65 standards and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise street wise street light data bank, furnishing maintenance reports every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for 150W LED street light High mast lighting system	Each

Previous Measurement			Present Measurement				Total Uplo Date		Remarks
Qty	Cost	Qty	Rate P	Amount	Qty	Cost			
			1 Months		Uplo Date paid so for X 12months				
30X11Months	8568.00	0	685.45/12=57.12	0.00	30X12Months	8568.00			
12X11Months	8318.64	12	756.29/12=63.02	756.24	12X12Months	9074.88			
35X11Months	795216.85	851	1019.41/12=84.95	72292.45	851X12Months	867509.40			
36X11Months	36895.32	36	1118.08/12=93.17	3354.12	36X12Months	40249.44			
47X11Months	381535.99	473	880.01/12=73.33	34685.09	473X12Months	416221.08			
49X11Months	51533.79	49	114.74/12=9.56	4684.89	49X12Months	56218.63			
27X11Months	34098.67	27	1377.66/12=114.81	3099.87	27X12Months	37198.44			
0	0.00	0	0	0.00	0	0.00			
0	0.00	0	0	0.00	0	0.00			

10	Supply and Installation / Fixing / Provision of Outdoor type Thermoplastic Modular Panel enclosure with transparent Polycarbonate Ld shock proof IP65 (Weather Proof) rust proof dust proof water proof. common proof having internally Embedded gasket on both lid and flap suitable to fix Single Phase / three Phase Energy Meter in suitable base pole and having a provision for Fuse / MCB cutout with suitable transparent hinged flap opening for operating MCB along with complete tamper proof SEALING flaps 300mmx450mmx214mm	Each
11	Safety and fixing of 400v power contactor with NONC contacts on existing wood panel board using necessary bolts nuts washers and wiring etc. complete with AC-3 Rating and as per IS-13447 100 to 125amps	Each
12	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and C type curve indicator ON/OFF energy cross-3 with Short circuit breaking capacity of 10k and complete wiring as required conforming to IEC 60895 50-63 Amps SP	Each
13	Supplying and fixing Microprocessor Based Astronomical timer Switch with using necessary bolts nuts and washers	Each
14	Wiring for lighting power circuit using one of FRLS PVC insulated 1100V grade multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-634 conforming to latest amendments 6 sqmm	Mtr
15	Supplying 1mm ² copper lugs and crimping and wiring to terminal point for wire of the following sizes 6 sqmm	Each
16	1. 1 KV LT Aerial Bundled Cable conforming to IS-14255 1995 XLPE insulation Parameter shall be as below 1 Hot Set Test a) Elongation under Load 50% (Max) b) Permanent Elongation After Cooling 3% (Max) 2. Thermal Aging in oven a) Tensile Strength 16 N/mm ² (Min) b) Elongation 375% (Min) 3. Water Absorption Test a) Water absorbed 0.5 mg/cm ² (Max) 4. Carbon Black Content shall be ranging from 2% to 3%	Km
17	Stringing of 1 KV grade Aerial Bundled 3 Core cable of XLPE insulation of size (3x59) (Phase Conductor) + (1x70) (Insulated Messenger Neutral) + (1x25) (Street Light Control)	Km
18	Supplying of 1 KV LT UG cable XLPE or Heat resistant PVC insulated PVC extruded inner sheath +5% and resistivity 14 OhmKms (Max) as per IS-3975 4 core 16 sqmm	Mtrs
19	Labour charges for laying of 1 KV LT UG cable in existing trench GI pipe / stone/ware pipe / on wall / on pole as required On wall / Structure 6 sqmm to 16 sqmm	Mtrs
Sub Total		
Add GST 12 % on item no 10 to 19		
Total		
Fine imposed for non burning of street lights For the period of 01.03.2023 to 31.03.2023 and GPS time violation Penalty for the present bill		
As per street light agreement Clause 2 % will be deducted in monthly maintenance bill against the released scrap material		
GRAND TOTAL		

10	51270	0	0	51270.00	0.00	10	81270.00	
22	158400	0	0	7200.00	0.00	22	158400.00	
24	17352	0	0	723.00	0.00	24	17352.00	
24	96720	0	0	4030.00	0.00	24	96720.00	
10	700	0	0	70.00	0.00	10	700.00	
100	700	0	0	7.00	0.00	100	700.00	
14	205800	0	0	147000.00	0.00	14	205800.00	
14	31457	0	0	22489.00	0.00	14	31456.60	
195	29250	0	0	150.00	0.00	195	29250.00	
195	5650	0	0	30.00	0.00	195	5650.00	
	1913665.86			118872.66			2032538.52	
	0.00			0.00			0.00	
	1913665.86			118872.66			2032538.52	
	19500.00			2000.00			21500.00	
	26323.35			2377.45			28700.80	
	1939542.35			114495.21			2054037.55	

The above said monthly maintenance work has been carried out satisfactorily

31/03/23

8/4

JUNIOR ENGINEER (E)

ASST EXECUTIVE ENGINEER (E)

Bunath Bangalore

Bunath Bangalore

Dasarahalli Zonal, Bangalore